

OFFICIAL**Fax****FAX RECEIVED**

NOV 09 2001

GROUP 1600**Howell &
Haferkamp, L.C.**

7733 Forsyth Blvd., Suite 1400

St. Louis, MO 63105

Phone: 314-727-5188

Fax: 314-727-6092

To: Examiner K. Shannan-Shah	From: Daniel S. Kasten
Fax: 703-305-0490 <i>3014</i>	Ref. No. 3116-1192
Phone:	Pages to Follow: 3
Date: November 8, 2001	CC:
Re: Serial No. 09/686,499	

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

● **Comments:** If you do not receive all the pages or if they are not readable, please advise immediately.

THE INFORMATION CONTAINED IN THIS COMMUNICATION IS CONFIDENTIAL AND IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. THE INFORMATION CONTAINED IN THIS COMMUNICATION MAY ALSO BE ATTORNEY-CLIENT PRIVILEGED, OR COMPANY CONFIDENTIAL INFORMATION. UNAUTHORIZED USE, DISCLOSURE, OR COPYING OF THE INFORMATION CONTAINED WITHIN THIS COMMUNICATION IS STRICTLY PROHIBITED AND MAY BE UNLAWFUL. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE IMMEDIATELY NOTIFY US AT (314) 727-5188 AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICES. WE WILL REIMBURSE ANY COSTS YOU INCUR IN NOTIFYING AND RETURNING THE MESSAGE TO US. THANK YOU.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

St. Louis, Missouri
November 8, 2001

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office
(Fax No. 703-305-~~0196~~) on November 8, 2001.
3014

DANIEL SKASTEN
Type or Print Name

Donita Thatch
Signature

In re application of:
Curtiss, III

Serial No.: 09/686,499

Examiner Shahnan-Shah, K.

Filed: October 11, 2000

Group Art Unit 1645

For: Functional Balanced-Lethal Host-Vector Systems :

Assistant Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL AMENDMENT

This paper is submitted to supplement the amendment filed in this case on October 12, 2001.

IN THE CLAIMS:

The claims have been amended herein as indicated in the following marked up copies of the claims:

3. (Twice Amended) The microorganism of claim 2, further comprising an inactivating mutation in [wherein the non-functional native chromosomal essential gene is] a gene selected from the group consisting of a *pab* gene, a *pur* gene, an *aro* gene, *nadA*, *pncB*, *galE*, *pmi*, *fur*, *rpsL*, *ompR*, *htrA*, *hemA*, *cdt*, *cya*, *crp*, *dam*, *phoP*, *phoQ*, *rfc*, *poxA*, *galU*, *mviA*, *sodC*, *recA*, *ssrA*, *sirA*, *inv*, *hila*, *rpoE*, *flgM*, *tonB*, and *slyA*.